

Title (en)

SILICON-BASED REPAIR METHODS AND COMPOSITION

Title (de)

SILICIUMBASIERTE REPARATURVERFAHREN UND ZUSAMMENSETZUNG

Title (fr)

PROCÉDÉS ET COMPOSITION DE RÉPARATION À BASE DE SILICIUM

Publication

EP 3040387 A1 20160706 (EN)

Application

EP 15201549 A 20151221

Priority

US 201514589021 A 20150105

Abstract (en)

There is set forth herein a silicon-based patch formulation comprising about 25 to 66 percent by volume of a solvent; about 4 to 10 percent by volume of a silicon-comprising binding material; and about 30 to 65 percent by volume of a patching material, the patching material comprising particles having one or more non-actinide Group IIIA elements, wherein a molar ratio of the one or more non-actinide Group IIIA elements to silicon within the patch formulation is about 0.95 to 1.25.

IPC 8 full level

C09D 183/04 (2006.01); **B29C 73/02** (2006.01)

CPC (source: CN EP US)

B29C 73/02 (2013.01 - EP US); **C04B 26/32** (2013.01 - CN); **C04B 41/00** (2013.01 - EP US); **C04B 41/009** (2013.01 - EP US); **C04B 41/5024** (2013.01 - CN EP US); **C04B 41/85** (2013.01 - CN); **C04B 41/87** (2013.01 - EP US); **C08K 3/34** (2013.01 - US); **C08K 3/36** (2013.01 - US); **C09D 183/04** (2013.01 - EP US); **C23C 24/10** (2013.01 - EP US); **B29K 2083/00** (2013.01 - EP US); **C08K 2003/221** (2013.01 - US); **C08K 2003/2213** (2013.01 - US)

Citation (applicant)

US 201414204367 A 20140311

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 15201549 A 20151221; BR 102016000008 A 20160104; CA 2915461 A 20151217; CN 201610001508 A 20160105; JP 2015249196 A 20151222; US 201514589021 A 20150105